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January 25, 1995

TO: Daron Haddock, Permit Supervisor

FROM: Steven M. Johnson, Reclamation Hydrologist

SMJ #2

RE: Draft Review, BTCA Area E Silt Fence, Bear Canyon Mine, Co-Op Mining Company, ACT/015/025-95A, Working File, Emery County, Utah

SYNOPSIS

Co-op proposes to relocate the silt fence currently north of the mine portal pad to an area downslope of the Hiawatha Intake Portal. This new location will eliminate the need for vegetation as a sediment control measure by passing all runoff from BTCA Area E through the silt fence treatment.

ANALYSIS

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: R645-301-730, 740, 750

Analysis:

Page 7K-6 of the Bear Canyon Mining and Reclamation Plan has been changed. The changes include moving a silt fence to a down gradient location which passes all runoff from BTCA Area E. Vegetation will no longer be part of the sediment control of this Area.

Findings:

The proposed new silt fence location for BTCA Area E meets the requirements of the regulations and will adequately treat the Area.



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RECOMMENDATION

This proposed ammendment should be approved. The new silt fence location will treat the Area as well or better than the existing location.

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